

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	"6070186".pn. "6005561".pn. "5805974".pn. "5786845".pn. "5233423".pn.	US-PGPUB; USPAT	OR	ON	2004/03/04 16:55
S2	63	725/25-36.ccls. and (((advertis\$6 or commerical\$5) and (chang\$6 or zap\$5)) with channel\$4)	US-PGPUB; USPAT	OR	ON	2004/11/09 15:56
S3	193	725/32.ccls.	US-PGPUB; USPAT	OR	ON	2003/06/19 16:51
S4	450	348/731.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/09 17:05
S5	110	348/731.ccls. and (zap\$5 delay\$5)	US-PGPUB; USPAT	OR	ON	2003/01/10 13:56
S6	1	348/731.ccls. and (zap\$5)	US-PGPUB; USPAT	OR	ON	2003/01/10 13:56
S7	398	348/731.ccls.	USPAT	OR	ON	2003/01/10 14:01
S8	72	"348"/\$7.ccls. and (((advertis\$6 or commerical\$5) and (chang\$6 or zap\$5)) with channel\$4)	USPAT	OR	ON	2003/01/10 14:01
S9	2	"6014694".pn. "5742343".pn.	US-PGPUB; USPAT	OR	ON	2003/01/10 14:44
S10	3	"6446261".pn. "6282713".pn. "5973683".pn.	US-PGPUB; USPAT	OR	ON	2003/01/10 14:44
S11	1	"6029045".pn.	US-PGPUB; USPAT	OR	ON	2003/01/10 14:44
S12	73	725/134,152.ccls. and buffer\$1	US-PGPUB; USPAT	OR	ON	2003/01/10 16:23
S13	74	725/25-36.ccls. and (((advertis\$6 or commerical\$5) and (chang\$6 or zap\$5)) with channel\$4)	US-PGPUB; USPAT	OR	ON	2003/06/18 11:54
S14	246	725/32.ccls.	US-PGPUB; USPAT	OR	ON	2003/06/19 16:52
S15	74	725/32.ccls. and (delay zap)	US-PGPUB; USPAT	OR	ON	2003/06/19 16:52
S16	364	725/32,34.ccls.	US-PGPUB; USPAT	OR	ON	2003/06/27 14:14
S17	76	725/25-36.ccls. and (((advertis\$6 or commerical\$5) and (chang\$6 or zap\$5)) with channel\$4)	US-PGPUB; USPAT	OR	ON	2003/06/27 14:44
S18	33	725/34.ccls. and external and profile	US-PGPUB; USPAT	OR	ON	2003/07/11 12:47
S19	17	725/34.ccls. and headend	US-PGPUB; USPAT	OR	ON	2003/07/11 12:56
S20	151	725/34.ccls.	US-PGPUB; USPAT	OR	ON	2003/07/11 14:36

S21	75	725/34.ccls. and profile	US-PGPUB; USPAT	OR	ON	2003/07/11 15:37
S22	54	725/34.ccls. and profile and server	US-PGPUB; USPAT	OR	ON	2003/07/12 17:16
S23	1	"5977964".pn.	US-PGPUB; USPAT	OR	ON	2003/07/12 17:16
S24	5	("5907321" "6029045" "6282713" "5786845" "6182126").pn.	US-PGPUB; USPAT	OR	ON	2004/02/25 12:11
S25	327	725/32,33.ccls.	US-PGPUB; USPAT	OR	ON	2004/03/04 17:43
S26	555	725/86,87,88.ccls.	US-PGPUB; USPAT	OR	ON	2004/03/04 17:38
S27	573	725/131.ccls.	US-PGPUB; USPAT	OR	ON	2004/03/04 17:39
S28	256	725/139.ccls.	US-PGPUB; USPAT	OR	ON	2004/03/04 17:39
S29	413	725/151.ccls.	US-PGPUB; USPAT	OR	ON	2004/03/04 17:39
S30	197	725/112,113.ccls.	US-PGPUB; USPAT	OR	ON	2004/03/07 16:25
S31	73	725/112,113.ccls. and advertis\$5 and (interact\$5 (hot adj spot) (hot\$1spot))	US-PGPUB; USPAT	OR	ON	2004/03/07 16:33
S32	29	725/112,113.ccls. and advertis\$5 with (interact\$5 (hot adj spot) (hot\$1spot))	US-PGPUB; USPAT	OR	ON	2004/03/07 16:28
S33	13	725/112,113.ccls. and advertis\$5 with (interact\$5 (hot adj spot) (hot\$1spot)) and delay\$5	US-PGPUB; USPAT	OR	ON	2004/03/07 16:28
S34	327	725/32,33.ccls.	US-PGPUB; USPAT	OR	ON	2004/03/07 16:33
S35	249	725/32,33.ccls. and (interact\$5 hot\$spot link\$5)	US-PGPUB; USPAT	OR	ON	2004/03/07 16:34
S36	182	725/32,33.ccls. and (interact\$5)	US-PGPUB; USPAT	OR	ON	2004/03/07 17:03
S37	165	725/86-88.ccls. and (advertis\$5 ad)	US-PGPUB; USPAT	OR	ON	2004/03/07 17:03
S38	155	725/86-88.ccls. and (advertis\$5 commercial\$3)	US-PGPUB; USPAT	OR	ON	2004/03/07 17:04
S39	122	725/86-88.ccls. and (advertis\$5 commercial\$3) and interact\$5	US-PGPUB; USPAT	OR	ON	2004/03/07 17:04
S40	38	725/86-88.ccls. and ((advertis\$5 commercial\$3) with interact\$5)	US-PGPUB; USPAT	OR	ON	2004/03/07 17:12

S41	16	725/86-88.ccls. and ((advertis\$5 commercial\$3) same (delay latency zap\$1time (zap adj time) (channel adj3 chang\$3)))	US-PGPUB; USPAT	OR	ON	2004/03/07 17:17
S42	27	725/32,33.ccls. and ((advertis\$5 commercial\$3) same (delay latency zap\$1time (zap adj time) (channel adj3 chang\$3)))	US-PGPUB; USPAT	OR	ON	2004/03/07 17:17
S43	197	725/34-35.ccls. not 725/32-33.ccls.	US-PGPUB; USPAT	OR	ON	2004/03/07 17:18
S44	47	725/32-35.ccls. and ((advertis\$5 commercial\$3) same (delay latency zap\$1time (zap adj time) (channel adj3 chang\$3)))	US-PGPUB; USPAT	OR	ON	2004/03/07 18:16
S45	7	725/112-113.ccls. and ((advertis\$5 commercial\$3) same (delay latency zap\$1time (zap adj time) (channel adj3 chang\$3)))	US-PGPUB; USPAT	OR	ON	2004/03/07 17:37
S46	16	725/86-88.ccls. and ((advertis\$5 commercial\$3) same (delay latency zap\$1time (zap adj time) (channel adj3 chang\$3)))	US-PGPUB; USPAT	OR	ON	2004/03/07 17:38
S47	7	725/131,139,151.ccls. and ((advertis\$5 commercial\$3) same (delay latency zap\$1time (zap adj time) (channel adj3 chang\$3)))	US-PGPUB; USPAT	OR	ON	2004/03/07 17:40
S48	2120	705/14.ccls.	US-PGPUB; USPAT	OR	ON	2004/03/07 17:41
S49	72	705/14.ccls. and ((advertis\$5 commercial\$3) same (delay latency zap\$1time (zap adj time) (channel adj3 chang\$3)))	US-PGPUB; USPAT	OR	ON	2004/03/07 20:26
S50	34	705/14.ccls. and interstitial	US-PGPUB; USPAT	OR	ON	2004/03/07 20:31
S51	37	"725"/\$7.ccls. and interstitial	US-PGPUB; USPAT	OR	ON	2004/03/07 18:10
S52	1	"5572643".pn.	US-PGPUB; USPAT	OR	ON	2004/03/07 18:15
S53	989	709/231.ccls.	US-PGPUB; USPAT	OR	ON	2004/03/07 20:27
S54	203	725/32-35.ccls. and (delay latency zap\$1time (zap adj time) (channel adj3 chang\$3) interstitial (dead adj time))	US-PGPUB; USPAT	OR	ON	2004/03/07 18:16
S55	487	709/231.ccls. and (delay latency zap\$1time (zap adj time) (channel adj3 chang\$3) interstitial (dead adj time))	US-PGPUB; USPAT	OR	ON	2004/03/07 20:27

S56	605	348/569,563,544,553,460,465, 473.ccls. and (delay latency zap\$1time (zap adj time) (channel adj3 chang\$3) interstitial (dead adj time))	US-PGPUB; USPAT	OR	ON	2004/03/07 18:46
S57	0	709/231.ccls. and ((delay latency zap\$1time (zap adj time) (channel adj3 chang\$3) interstitial (dead adj time)) with (ad advertise\$5) with interact\$5)	US-PGPUB; USPAT	OR	ON	2004/03/07 18:47
S58	9	709/231.ccls. and ((delay latency zap\$1time (zap adj time) (channel adj3 chang\$3) interstitial (dead adj time)) with (ad advertise\$5))	US-PGPUB; USPAT	OR	ON	2004/03/07 19:01
S59	487	709/231.ccls. and (delay latency zap\$1time (zap adj time) (channel adj3 chang\$3) interstitial (dead adj time))	US-PGPUB; USPAT	OR	ON	2004/03/07 20:27
S60	30	709/231.ccls. and ((delay latency zap\$1time (zap adj time) (channel adj3 chang\$3) interstitial (dead adj time)) with interact\$5)	US-PGPUB; USPAT	OR	ON	2004/03/07 19:03
S61	11	348/569,563,544,553,460,465, 473.ccls. and (delay latency zap\$1time (zap adj time) (channel adj3 chang\$3) interstitial (dead adj time)) with (ad advertise\$5)	US-PGPUB; USPAT	OR	ON	2004/03/07 19:07
S62	226	348/569,563,544,553,460,465, 473.ccls. and (latency zap\$1time (zap adj time) (channel adj3 chang\$3) interstitial (dead adj time))	US-PGPUB; USPAT	OR	ON	2004/03/07 19:08
S63	196	348/569,563,544,553,460,465, 473.ccls. and (zap\$1time (zap adj time) (channel adj3 chang\$3) interstitial (dead adj time))	US-PGPUB; USPAT	OR	ON	2004/03/07 20:33
S64	69	348/569,563,544,553,460,465, 473.ccls. and (zap\$1time (zap adj time) ("channel change") interstitial (dead adj time))	US-PGPUB; USPAT	OR	ON	2004/03/07 19:12
S65	3	348/569,563,544,553,460,465, 473.ccls. and (zap\$1time (zap adj time) interstitial (dead adj time))	US-PGPUB; USPAT	OR	ON	2004/03/07 20:33
S66	1	725/112-113.ccls. and (yuen mankovitz mankowitz).inv.	US-PGPUB; USPAT	OR	ON	2004/03/07 19:15
S67	54	"725"/\$7.ccls. and (yuen mankovitz mankowitz).inv.	US-PGPUB; USPAT	OR	ON	2004/03/07 19:20
S68	56	"725"/\$7.ccls. and (URL with record)	US-PGPUB; USPAT	OR	ON	2004/03/07 19:25

S69	121	"725"/\$7.ccls. and ((webpage web\$1page (web adj page)) with (record store storing buffering))	US-PGPUB; USPAT	OR	ON	2004/03/07 19:26
S70	21	725/112-113.ccls. and ((webpage web\$1page (web adj page)) with (record store storing buffering))	US-PGPUB; USPAT	OR	ON	2004/03/07 19:28
S71	1	725/112-113.ccls. and Milewski. inv.	US-PGPUB; USPAT	OR	ON	2004/03/07 19:29
S72	1	"725"/\$7.ccls. and Milewski.inv.	US-PGPUB; USPAT	OR	ON	2004/03/07 19:29
S73	250	"725"/\$7.ccls. and (return\$5 with interactiv\$5)	US-PGPUB; USPAT	OR	ON	2004/03/07 19:30
S74	17	725/112-113.ccls. and (return\$5 with interactiv\$5)	US-PGPUB; USPAT	OR	ON	2004/03/07 19:32
S75	1	725/112-113.ccls. and ((record\$5 store storing) with (interactiv\$5 adj session))	US-PGPUB; USPAT	OR	ON	2004/03/07 19:32
S76	17	"725"/\$7.ccls. and ((record\$5 store storing) with (interactiv\$5 adj session))	US-PGPUB; USPAT	OR	ON	2004/03/07 19:37
S77	28	"725"/\$7.ccls. and ((complete\$5 terminat\$4 end ended done finish finished) with (interactiv\$5 adj session))	US-PGPUB; USPAT	OR	ON	2004/03/07 19:38
S78	332	705/14.ccls. and (delay latency zap\$1time (zap adj time) (channel adj3 chang\$3))	US-PGPUB; USPAT	OR	ON	2004/03/07 20:27
S79	2120	705/14.ccls.	US-PGPUB; USPAT	OR	ON	2004/03/07 20:31
S80	323	348/569,563,544,553,460,465, 473.ccls. and interactiv\$5	US-PGPUB; USPAT	OR	ON	2004/03/07 20:33
S81	83	348/569,563,544,553,460,465, 473.ccls. and (zap\$1time (zap adj time) (channel adj3 chang\$3) interstitial (dead adj time)) and interacti\$5	US-PGPUB; USPAT	OR	ON	2004/03/07 20:33
S82	86	725/60.ccls. and (resume resuming return returning)	US-PGPUB; USPAT	OR	ON	2004/03/09 15:43
S83	58	725/60.ccls. and (resume resuming return returning) and advertis\$5	US-PGPUB; USPAT	OR	ON	2004/03/09 15:53
S84	9	("6567980" "6499057" "6463444" "6360234" "5987509" "5910575" "5774666" "3747845" "1794731"). pn.	US-PGPUB; USPAT	OR	ON	2004/03/09 15:56
S85	1	"6199106".pn.	US-PGPUB; USPAT	OR	ON	2004/03/09 16:00

S86	1	"5978848".pn.	US-PGPUB; USPAT	OR	ON	2004/03/09 16:01
S87	1	"6463468".pn.	US-PGPUB; USPAT	OR	ON	2004/03/09 16:01
S88	5302	709/220,228,231,227,232.ccls.	US-PGPUB; USPAT	OR	ON	2004/03/09 16:07
S89	1123	709/220,228,231,227,232.ccls. and (ad advert\$5 banner ads clips pop\$1up (pop adj up))	US-PGPUB; USPAT	OR	ON	2004/03/09 16:08
S90	493	709/220,228,231,227,232.ccls. and (ad advert\$5 banner ads clips pop\$1up (pop adj up)) and (interrupt interrupting discontinue dicontinuing terminate terminating interpose interposing suspend suspending intermission interlude)	US-PGPUB; USPAT	OR	ON	2004/03/09 16:09
S91	294	709/220,228,231,227,232.ccls. and (ad advert\$5 banner ads clips pop\$1up (pop adj up)) and (interrupt interrupting discontinue dicontinuing terminate terminating interpose interposing suspend suspending intermission interlude) and stream\$5	US-PGPUB; USPAT	OR	ON	2004/03/09 16:09
S92	1	"6199106".pn.	US-PGPUB; USPAT	OR	ON	2004/03/10 12:54
S93	552	"5572643".URPN.	USPAT	OR	ON	2004/03/10 14:28
S94	404	"5572643".URPN. and (purchas\$5 interact\$5)	USPAT	OR	ON	2004/03/10 14:28
S95	9	"6094677".URPN.	USPAT	OR	ON	2004/03/10 14:29
S96	5	"5786845".URPN.	USPAT	OR	ON	2004/03/10 14:35

S97	48	("3943280" "4774582" "4974085" "5155591" "5311317" "5375203" "5404316" "5422674" "5452023" "5493638" "5534942" "5557724" "5559562" "5598222" "5640320" "5644364" "5666548" "5694332" "5724091" "5724103" "5731846" "5734443" "5778096" "5781227" "5786845" "5786864" "5796871" "5801782" "5801786" "5802394" "5805148" "5805173" "5818512" "5818530" "5838597" "5841472" "5844594" "5844623" "5859660" "5864682" "5867208" "5870087" "5881245" "5889560" "5898441" "6025870" "6061099" "6067092").PN.	USPAT	OR	ON	2004/03/10 14:37
S98	2	"5907321".URPN.	USPAT	OR	ON	2004/03/10 14:37
S99	0	"6698020".URPN.	USPAT	OR	ON	2004/03/10 14:38
S10 0	9	"6094677".URPN.	USPAT	OR	ON	2004/03/10 14:39
S10 1	1	"6282713".pn.	US-PGPUB; USPAT	OR	ON	2004/03/10 15:44
S10 2	1	"6282713".URPN.	USPAT	OR	ON	2004/03/10 15:44
S10 3	17	("4841291" "5422986" "5724521" "5767857" "5828839" "5892691" "5903816" "5915243" "5933150" "5959623" "5974398" "5990927" "6052492" "6160570" "6177931" "6169542" "6282713").PN.	USPAT	OR	ON	2004/03/10 15:45
S10 4	6	"5892508".URPN.	USPAT	OR	ON	2004/03/10 16:00
S10 5	312	725/32-35.ccls. and interact\$5	US-PGPUB; USPAT	OR	ON	2004/03/10 16:24
S10 6	39	725/32-35.ccls. and interact\$5 with purchas\$5	US-PGPUB; USPAT	OR	ON	2004/03/10 16:31
S10 7	222	705/14.ccls. and advertisement with interact\$5	US-PGPUB; USPAT	OR	ON	2004/03/10 16:32

S10 8	166	705/14.ccls. and advertisement with interact\$5 and (purchase purchasing buy buying)	US-PGPUB; USPAT	OR	ON	2004/03/10 16:33
S10 9	103	705/14.ccls. and advertisement with interact\$5 and (purchase purchasing buy buying) and television	US-PGPUB; USPAT	OR	ON	2004/03/10 16:36
S11 0	123	705/14.ccls. and advertisement with interact\$5 and (purchase purchasing buy buying) and video	US-PGPUB; USPAT	OR	ON	2004/03/10 16:57
S11 1	70	725/60.ccls. and advertisement	US-PGPUB; USPAT	OR	ON	2004/03/10 16:59
S12 0	84	725/32,34-35.ccls. and (((advertis\$6 or commerical\$5) and (chang\$6 or zap\$5)) with channel\$4)	US-PGPUB; USPAT	OR	ON	2004/11/09 16:25
S12 1	1	"6588012".pn.	US-PGPUB; USPAT	OR	ON	2004/11/09 16:25
S12 2	58	message with (switch\$5 adj event\$5)	US-PGPUB; USPAT	OR	ON	2004/11/09 17:09
S12 3	7	interactive with ((transition\$5 splash) adj (screen display))	US-PGPUB; USPAT	OR	ON	2004/11/09 17:11
S12 4	14	interact\$5 with ((transition\$5 splash) adj (screen display))	US-PGPUB; USPAT	OR	ON	2004/11/09 17:11